

## Protected electrical supply arrangement

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### Abstract of GB2198299

A protective arrangement for trailing electrical sockets 13 has a voltage discriminator 20 which monitors the voltage between the earth and neutral conductors. If this rises above a threshold value, it trips an electronic crow-bar switch 21, which then provides a low impedance path between live and neutral, blowing a fuse in the live conductor. The invention protects against the hazard of high leakage currents, accumulated from several items of equipment. Alternatively, the switch 21 may be replaced by an audible warning device.

Fig. 1.

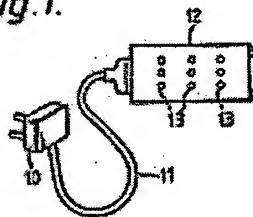
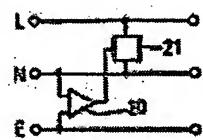


Fig. 2



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